

Dell Latitude D400



Dell | Latitude D400

The latest of the exciting new Dell™ Latitude™ D-Family of products, the new D400 provides full D-Family commonality, consistency, and compatibility in our thinnest and lightest D-Family system yet. And you won't have to give up any of the new Latitude D-Family technologies or innovative common docking and module solutions either. Dell Latitude notebooks offer mobile computing solutions designed to be customized for business and the Latitude D400 is no exception.

The Latitude D400 is designed for users who need a thin and light system but who aren't willing to compromise on performance. Even with its thin and light 1.68kg¹ design, the D400 doesn't skimp on performance, offering the ideal blend of power and efficiency using Intel® Pentium® M processors and the Intel 855GM integrated video chipset. Connectivity is also a priority with the D400, which includes standard Intel Centrino™ Mobile Technology featuring the Intel PRO/Wireless MiniPCI card or customers can choose optional Dell TrueMobile™ wireless solutions.

Intuitive form factors and design

The Latitude D400 makes a great impression with its slim design, which is only 33mm thin. The system's hard disk drive is internal, with optical media used externally in the included Dell D/Bay, so you can carry media modules only when they might be needed. The D/Bay also uses the same modular optical media solutions as the other Latitude D-Family systems. The D400's magnesium alloy chassis and display back look great and help provide structural rigidity.

Docking solutions

The Latitude's ingenious D-Family docking solutions allow you to view your system at a whole new level. The Latitude D/View notebook stand elevates the notebook's LCD to a comfortable viewing position, replacing the need for an external display and offering the convenience of an all-in-one desktop solution. Enjoy the versatility of the D-Family docking solutions with a choice of either the Latitude D/Port Advanced Port Replicator or the D/Dock Expansion Station.

Dell wired and wireless communications solutions

Every Dell Latitude D400 features a wireless networking mini-PCI card, 56K² V.92 capable modem and 10/100/1000³ wired network card as part of the standard offering. Included in the standard wireless offering is the Intel PRO/Wireless MiniPCI card. The D400 also features other wireless options, including a choice of either of the Dell TrueMobile wireless LAN solutions for those who demand blazing 802.11a or 802.11g⁷ wireless connectivity as well as the Dell TrueMobile 300 integrated Bluetooth™ solution. With Gigabit³ Ethernet, users can rest assured that their notebook investments are compatible with future deployment of Gigabit Ethernet across the network infrastructure.

High performance with Intel Pentium M Processor and Intel 855GM chipset

The Dell Latitude D400 features the latest Intel Pentium M processors, which utilise a new micro-architecture incorporating a power-optimised 400MHz processor system bus and aggressive clock gating designed for high performance and low power. These processors also feature 1MB of power-managed cache and enhanced Intel SpeedStep technology. The D400 also incorporates the Intel 855GM chipset, which offers integrated graphics capability and USB 2.0 support. The integrated graphics utilise the system memory as a shared resource for both system memory and graphics needs, dynamically allocating a portion of the memory to graphics based on the graphics demands of the applications currently in use. Up to 64MB of memory can be allocated to graphics, and with integrated video acceleration, you can view high-quality, full frame rate DVDs on your notebook or connected external display with exceptionally low power consumption.

Integrated smart card security for a worry-free mobile experience

While today's notebook computers offer unprecedented power, their mobility also brings new vulnerabilities, such as unauthorised user access. The Latitude D400 confronts this problem with an integrated smart card reader. Used in combination with applicable software, smart cards provide a robust solution to user authentication.

3 Years' International Service and Support⁶

The Dell Latitude D-Family offers you a superb selection of notebooks, each of which is designed to exceed your expectations and backed by Dell's exceptional service and support with 3 years' next business day on-site⁶ service and International programmes across 40 countries.



Dell Latitude D400

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Dell Latitude D400

SYSTEM

Processors	Intel® Pentium® M processors at 1.3GHz or 1.4GHz
Cache	1MB on-die L2 cache
Chipset	Intel 855GM Chipset
Memory	Double Date Rate (DDR) SDRAM at 266MHz (PC2100); Standard – 128MB (shared)*; Maximum – 2.0GB (shared)*; Memory module capacities – 128MB, 256MB, 512MB and 1GB
Displays	12.1" XGA TFT LCD; 1024 x 768 x 16.7 million colours
Maximum External Resolution (CRT)	1600 x 1200 (UXGA) x 16.7 million colours @ 85Hz (Pan mode on LCD/TV if active)
Video	Integrated Intel 855GM graphics chipset; up to 64MB system memory can be dynamically allocated to graphics needs; 4X AGP support
Hard Disk Drives*	20GB EIDE/ATA-100; 30GB EIDE/ATA-100; 40GB EIDE/ATA-100; 60GB EIDE/ATA-100 *Optional 40GB 2nd HDD Module for D/Bay or D/Dock Expansion Station media bay
Modem	56K ² v.92 internal modem
Wired LAN	10/100/1000 ³ Ethernet LAN, DMI 2.0 and Wired for Management compliant
Wireless LAN	Standard Intel PRO/Wireless 2100 WLAN (802.11b) MiniPCI; 802.11b industry standard; Wi-Fi®-compatible Optional Dell™ TrueMobile™ 1300 WLAN (802.11b/g) MiniPCI Card; Wi-Fi-compatible Optional Dell TrueMobile 1400 Dual Band WLAN (802.11a/b/g) MiniPCI Card; Wi-Fi-compatible
PC Card Slots	One Type I or Type II
Audio	Intel AC97; one integrated speaker
Batteries	Primary Standard: Smart Lithium-ion 6-cell/42Whr battery with external LED battery gauge and ExpressCharge™ capability Primary Optional: Smart Lithium-ion 4-cell/28Whr battery with external LED battery gauge and ExpressCharge capability
Keyboard	87-key US; 88-key Europe; 91-key Japan; key travel – 2.5mm; key spacing – 18mm
Pointing Device – Dell DualPoint	Touch Pad – PS/2 Compatible; Track Stick – PS/2 Compatible
Power Supply	65 Watt AC adapter with cord wrapping
System Dimensions/Weight*	26.6mm/1.0" (h) x 294mm/11.6" (w) x 245mm/9.6" (d) With 4-cell battery: 1.69kg; system with 4-cell battery, D/Bay and CD-ROM module: 2.17kg With 6-cell battery: 1.77kg; system with 6-cell battery, D/Bay and CD-ROM module: 2.24kg *Weights vary depending on configurations and manufacturing variability

I/O PORTS

Serial	9-pin connector; 16550-compatible, 16-byte buffer
Video	15-hole connector
Audio	One headphone and one microphone
Universal Serial Bus	One USB 2.0-compliant connector plus one Dell D/Bay connector (USB 2.0-compliant connector plus power pin; can be used for D/Bay or USB devices)
IEEE 1394	4 pin, Mini-1394, non-powered
Docking Connector	280-pin for the D/Dock Family Expansion Station and D/Port Family Advanced Port Replicator
Modem	RJ-11 port
Ethernet LAN	RJ-45 port
Infrared	1; infrared sensor compatible with IrDA® Standard 1.1 (Fast IR) and IrDA Standard 1.0 (Slow IR)
DellD/Bay	USB 2.0 connector with power pin

MODULE BAY

Standard Modules (included)	DVD Drive: 8X
Optional Modules	Floppy disk drive module: 3.5", 1.44MB; USB dongle for external FDD operation; CD-ROM Drive: 24X; CD-RW (24X/10X/24X); DVD-ROM – 8X; CD-RW/DVD-ROM Combo Drive (8X/24X/10X/24X); DVD+RW (2X/16X/8X/4X/24X); 40GB second HDD; second 6-cell/42Whr Smart Lithium-ion battery; second 4-cell/28 Whr Smart Lithium-ion battery

DOCKING OPTIONS

D/Dock Expansion Station	Ports Offered: Power input, RJ-11, RJ-45, DVI, VGA, S-Video, Parallel, Serial, 2-PS/2, SPDIF, 4 USB 2.0, external D/Bay port, headphone, D/Module bay and 1 x PCI card expansion slot
D/Port Advanced Port Replicator	Ports Offered: Power input, RJ-11, RJ-45, DVI, VGA, S-Video, Parallel, Serial, 2-PS/2, SPDIF, 4 USB 2.0, external D/Bay port, headphone

MANAGEABILITY

Dell OpenManage™ Client	OpenManage Client is designed to reduce the total cost of ownership by allowing customers to manage, support and track notebooks in a networked environment. IT managers can remotely access and manage portable specific attributes such as battery status, power management settings, PC card information and docking system connections. Asset Tag and Property Ownership Tag editing is also supported for comprehensive asset management. OpenManage Client adheres to industry standards such as DMI 2.0 and SMBIOS specifications
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SECURITY

Mobile User Security – Integrated Smart Card Reader	Provides strong industry-standard two-factor user authentication (when used with a smart card and applicable software; card support: ISO 7816 1/2/3/4 microprocessor cards (T=0, T=1), 3v & 5v, Java Card; reader certification: WHQL-certified for Microsoft® PC/SC, EMV Level 1, 9600 to 115200bits/second
Mobile User Security – Software	Primary system password, administrator password, hard disk drive password
Mobile Physical Security – Cable Lock Slot	Lock slot to secure system and docking solutions

OPERATING SYSTEMS

Operating System Versions Available	Windows® 2000 Professional Service Pack 3; Windows XP Professional Service Pack 1; Windows XP Home Service Pack 1
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WIRELESS COMMUNICATIONS OPTIONS

Dell TrueMobile 300 Bluetooth™ Module	Bluetooth 1.1 with BQB and BQTF certification
Dell TrueMobile 1170 Access Point	SNMP and Remote Management features; IEEE 802.11b industry standard; Wi-Fi compatible
Dell TrueMobile 1184 Wireless Broadband Router	4 Fast Ethernet ports, DHCP server capability and NAT firewall built-in. Interoperable with IEEE 802.11b-compliant systems, WECA Wi-Fi standard-compliant

MOBILE ACCESSORIES

Mobile Accessories	16MB or 64MB USB memory keys; Latitude classic nylon carrying case; Latitude classic leather carrying case; Latitude leather slipcover case; second 65-watt AC adapter; optional 90-watt AC adapter; 17 country-specific power cords; second external D/Bay; D/View notebook stand (can only be used with D/Port Port Replicator); D/Monitor stand (can be used with both D/Dock & D/Port); USB keyboard & mice; external CRT or flat panel monitors; Altec Lansing ADA 215 external speakers
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SERVICE & SUPPORT

Service & Support	3 years' next business day on-site ⁶ service
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Dell recommends Microsoft® Windows® XP Professional for Business

Subject to availability, prices and specifications are correct at the date of publication and may change without notice. Dell's Terms and Conditions of Sale and Service apply and are available on request and at www.euro.dell.com. 1. D400 starting weight of 1.68kg includes 12.1" display, hard drive and 4-cell battery. Weights vary depending on configurations and manufacturing variability. 2. Download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analogue phone line and service required. 3. This term indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. 4. Up to 64MB of system memory may be allocated to support graphics, depending on system memory size and other factors. 5. Program may be provided by third party. Availability limited. Other conditions apply. External devices excluded; availability of specific parts varies in each country. 6. Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only. 7. IEEE 802.11g draft specification. Dell, the Dell logo, Dell Latitude, Tri-Metal, ExpressCharge, OpenManage and TrueMobile are either registered trademarks or trademarks of Dell Computer Corporation. Intel, Intel Inside logo and Pentium are registered trademarks of Intel Corporation. Centrino and SpeedStep are trademarks of Intel Corporation. Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation. Wi-Fi is a registered trademark of the Wi-Fi Alliance. IrDA is a registered trademark of the Infrared Data Association. Bluetooth is a trademark of Bluetooth SIG, Inc. Altec Lansing is a registered trademark of Altec Lansing Technologies, Inc. Other trademarks and trade names are used to identify the entities claiming the marks and names of their products. Dell Computer Corporation disclaims any proprietary interest in trademarks and trade names other than its own. © Copyright 2003 Dell Computer Corporation. All rights reserved.

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